

## COMPUTER DISPLAY SYSTEM USING MULTIPLE SCREENS

### ABSTRACT OF THE DISCLOSURE

5       The present invention allows a user to arbitrarily position display screens so that a larger field of view can be presented by a computer system that senses the screen positions and provides appropriate display information. This is in contrast to the typical use of display screens where a single display screen is used and the position of the display screen is assumed to be directly in front of a user's viewpoint. For example,  
10 two screens can be placed side-by-side so that their viewing surfaces together form a rectangular plane. This can be useful for viewing movies or other presentations that benefit from a larger horizontal viewing field. More complex arrangements of multiple screens can be set up for more immersive presentations such as virtual reality, simulations, computer games, etc. A mounting bracket for holding screen in a fixed  
15 orientation with respect to each other is described. A preferred embodiment of the bracket includes a visual indicator for determining the angle of a screen with respect to another.